

Work Order ID 144102

April 01, 2016 3:39:39 PM

144102

Page 1

Item ID: D3913-041 Accept *N900040100* Setup Start *NS1*

Revision ID: Stop *NS2*

Item Name: Long Basket Base Assembly, 350

Start Date: 5/2/2016 Start Qty: 1.00 *1*

Required Date: 5/13/2016 Req'd Qty: 1.00 *1*

Reference: Cust Item ID: Customer:

Approvals: Process Plan: SLA Date: 20160401 Tooling: Date: Run Start *NR1*

QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3913	C								
D4020	A								

100 Weld per dwg A/R S.S. rod Batch: B133750 0.00

100

Large Fab

Large Fab

Memo

0.05

1- assemble ribs , weld as per dwg D3913 using DT9610A
inspect before welding mesh

2-Cut D4020-1 base mesh and tack weld all mesh on basket as per dwg D3913
and trim mesh to fit if necessary and trim to clear fasteners holes on the ends

3- weld hinge (3) and Mounting brackets as per dwg D3913
take lid to locate hinge and bracket

4- Weld D4672-1 blanking plates as per dwg

1x CC 16-5-4

110

QC9- Inspect visual per QSI004- Fusion Welds 0.00

110

QC

Quality Control

Memo

0.00

D 16-05-09

DAS
9
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Page 2

Accept

Setup Start *NS1*

Stop *NS2*

Stop *NS2*

Cust Item ID:

Customer:

Reference:

Run Start *NR1*

Stop *NR2*

Operation Description

Set Up/ Run Hours

Tool ID	Tool #	Plan Code
---------	--------	-----------

Accept Qty	Reject Qty	Reject Number	Insp. Stamp

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.00

Quality Control

DAS

2

9-89

125

Pressure Wash per QSI005 4.3

0.00

125

HandFinish

Memo

0.01

Hand Finishing

34-88989-1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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Item ID: D3913-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Long Basket Base Assembly, 350
 Start Date: 5/2/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 5/13/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	White Gloss(Ref:4.3.5.2) per OSI005 4.3-Steel	0.00							
130	<i>m 13466 154631.</i>								
Powdercoat	Memo	0.01							
Powder Coating	1- Plug holes and mask only interior of hinge (3) prior to powder coat								
	1ST COAT: <i>3:25</i>								
	START TIME: <i>3:25</i>								
	OVEN TEMPERATURE: <i>400°</i>								
	FINISH TIME: <i>3:55</i>								
	***** 2nd coat if necessary*****								
	2ND COAT:								
	START TIME: _____								
	OVEN TEMPERATURE: _____								
	FINISH TIME: _____								
140	QC3- Inspect Part Finish	0.00							
140									
QC	Memo	0.00							
Quality Control									

1 1605-11 2308

16 1605/12 **DAS 15 9-89**

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		FAULT CATEGORY Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐							

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Item ID: D3913-041

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Long Basket Base Assembly, 350

Start Date: 5/2/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/13/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

NR1

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Assemble as per dwg	0.00							
150									
HandFinish	Memo	0.01							
Hand Finishing	Pick Kit								
160	QC5- Inspect part completeness to step on W/O	0.00							
160									
QC	Memo	0.00							
Quality Control									
170	Identify as per dwg & Stock Location: <u>W16</u>	0.00							
170									
Packaging	Memo	0.00							
Packaging									

DAS
38
9-89

MAY 12 2016

04630-043/13144048

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval ☐	
Description Work Order Deviation		Disposition		Completed By _____	
				Lead hand / Supervisor Approval Verification ☐	
				QC / QA Coordinator Approval ☐	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐ _____					

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Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Long Basket Base Assembly, 350

Stop *NS2*

Start Date: 5/2/2016 **Start Qty:** 1.00

1

Cust Item ID:

Required Date: 5/13/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/
Work Center ID

Operation Description

Set Up/ Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	-----------	------------	------------	---------------	-------------

180

QC21- Final Inspection - Work Order Release

0.00

180

QC

Memo

0.00

Quality Control

20160512

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
☐ Environment	☐ Design	☐ Doc/Data	☐ Equip/Tooling	☐ Handling/Pre	☐ Material	☐ Internal Transport	☐ Tribal Knowledge
☐ No Re-verification	☐ Operator	☐ Offset/Setup	☐ Supplier	☐ Training	☐ Use for Testing	☐ Poor Information	☐ Rushing
☐ Pressure/Forced	☐ Bending	☐ Centre Not Concentric	☐ Cracks	☐ Crimp/Kink/Ripple/Wave	☐ Cuffs	☐ Crushing	☐ Heat Treat
☐ Temperature/Cure	☐ Set-up	☐ BOM/Route	☐ Broken/Damage/Defect	☐ Inspection Incomplete/Unqualified	☐ Contamination	☐ Countersink	☐ Cut Too Short
☐ Power Loss/Surge	☐ Folio/Program	☐ Grain	☐ Weld	☐ Wrong Stock Pulled	☐ Out of Sequence	☐ Off-set	☐ Mislabeled
☐ Positioned Wrong	☐ Outside Dimensions	☐ Over/Under tolerance	☐ Part Incorrect	☐ Part Lost/Missing	☐ Part Moved	☐ Drawing	☐ Finish
☐ Misread	☐ Turning Sequence						
☐ Past Expiry Date	☐ Misidentified	☐ Product Improvement	☐ Process Improvement	☐ Manufacturing Process	OTHER : _____		
☐ Past Due							

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Work Order ID: 144102

144102

Parent Item: D3913-041

D3913-041

Parent Item Name: Long Basket Base Assembly, 350

Start Date: 5/2/2016

Required Date: 5/13/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.03.19 verified by:EC
chg qty's DD 10.04.12 verified by:EC
AS PER DWG REV.B DD VERF:EC
REV.C / ECN 13-624 DD VERF:JLM
IPP Rev:B
IPP REV:C 12.07.24
IPP REV:D 13.08.21 DWG

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3913-1 ✓ *D3913-1* Rib		Manufactured	No			100	Each	4.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA004		4							
				141916		4							
D3913-3 ✓ *D3913-3* Rib		Manufactured	No			100	Each	4.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA004		4							
				141917		4							
D3913-7 ✓ *D3913-7* Rib		Manufactured	No			100	Each	8.0000	2	2			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA004		8							
				141915		2							
				142371		6							
D3913-9 ✓ *D3913-9* Hinge Rib		Manufactured	No			100	Each	4.0000	1	1			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				WA004		4							
				141425		4							

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Work Order ID: 144102

144102

Parent Item: D3913-041

D3913-041

Parent Item Name: Long Basket Base Assembly, 350

Start Date: 5/2/2016

Required Date: 5/13/2016

Start Qty: 1.00

Required Qty: 1.00

D3916-5 Manufactured No

100 Each 9.0000 3 3

D3916-5

Light Rib

**

CC 16-5-1

Location

Loc Qty

Loc Code

WA004

9 8144463

3x

142370

9

D3916-041 Manufactured No

100 Each 8.0000 2 2

D3916-041

Rib Assembly

**

CC 16-5-1

Location

Loc Qty

Loc Code

WA004

8

141978

2

142369

6

2x

D4017-7 Manufactured No

100 Each 12.0000 3 3

D4017-7

Rib

**

CC 16-5-1

Location

Loc Qty

Loc Code

WA004

12 B141853

3x

142415

6

143985

6

D4017-9 Manufactured No

100 Each 8.0000 2 2

D4017-9

Rib

**

CC 16-5-1

Location

Loc Qty

Loc Code

WA004

8

142372

8

2x

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Work Order ID: 144102

144102

Parent Item: D3913-041

D3913-041

Parent Item Name: Long Basket Base Assembly, 350

Start Date: 5/2/2016

Required Date: 5/13/2016

Start Qty: 1.00

Required Qty: 1.00

D4034-041 Manufactured No

100 Each 4.0000 1 1

D4034-041

Aft Upper Rib Assembly

**

116-5-4

Location

Loc Qty

Loc Code

WA004

4

141918

1

142374

3

D4034-043 Manufactured No

100 Each 4.0000 1

D4034-043

Fwd Upper Rib Assembly

**

116-5-4

Location

Loc Qty

Loc Code

WA004

4

141919

1

142375

3

D2581 Manufactured No

100 Each 20.0000 2

D2581

Mounting Bracket

**

116-5-4

Location

Loc Qty

Loc Code

WA004

20

132771

1

136270

2

139082

17

D2931 Manufactured No

150 Each 1,603.000 2

D2931

Bumper

**

116-5-4

Location

Loc Qty

Loc Code

ST013

80

86435

80

ST025A

1523

86435

1523

88-6
9
SAG

MAY 06 2016

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Work Order ID: 144102

144102

Parent Item: D3913-041

D3913-041

Parent Item Name: Long Basket Base Assembly, 350

Start Date: 5/2/2016

Required Date: 5/13/2016

Start Qty: 1.00

Required Qty: 1.00

D3913-15 Manufactured No

100 Each 15.0000 1 1

D3913-15

Wide Handle Plate

**

CC 16-5-1

Location

Loc Qty

Loc Code

WA004

15

141118

15

1x

D4016-1 Manufactured No

100 Each 42.0000 3 3

D4016-1

Hinge Half, Base

**

CC 16-5-1

Location

Loc Qty

Loc Code

WA004

42

137077

2

140745

40

3x

D4021-1 Manufactured No

100 Each 24.0000 3 3

D4021-1

Handle Plate

**

CC 16-5-1

Location

Loc Qty

Loc Code

WA004

24

139529

8

141494

16

B142715

3x

D4021-5 Manufactured No

100 Each 7.0000 2 2

D4021-5

Blanking Plate

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST071

7

137592

6

177489bk

1

2

MAY 06 2016

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Work Order ID: 144102

144102

Parent Item: D3913-041

D3913-041

Parent Item Name: Long Basket Base Assembly, 350

Start Date: 5/2/2016

Required Date: 5/13/2016

Start Qty: 1.00

Required Qty: 1.00

D4020-11 Manufactured No

100 Each 31.0000 2 2

D4020-11

End Mesh, Basket

**

11 16-5-1

Location

Loc Qty

Loc Code

WA004

31

139947

4

142361

27

(24)

D4672-1 Manufactured No

100 Each 31.0000 2 2

D4672-1

Blanking Plate

**

11 16-5-1

Location

Loc Qty

Loc Code

WA004

31

128829

2

137124

2

141229

27

(24)

M304EX0.75-16F Purchased No

100 sf 525.0000 33

M304FX0 75-16F

Expanded Metal Flat SS

**

11 16-5-1

Location

Loc Qty

Loc Code

WA004

525

8134331

(33)

M133868

25

M134184

171

M134331

329

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Work Order ID: 144102

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Parent Item: D3913-041

D3913-041

Parent Item Name: Long Basket Base Assembly, 350

Start Date: 5/2/2016

Required Date: 5/13/2016

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W3

Purchased

No

150

Each

482.0000

2

2

MS20600-AD4W3

Cherry Rivets

DAS 6 8:39

Location

Loc Qty

Loc Code

GA

172

m129795

172

ST

200

m134167

200

2

ST308

4

m133316

4

WA003

106

m130018

84

m133316

22

MS21042L3

Purchased

No

150

Each

2,078.000

6

6

MS21042L3

Nut

DAS 6 8:39

Location

Loc Qty

Loc Code

FP001

100

m133790

100

GA

798

m133790

6

m134360

792

Return2016

1

M132382

1

ST304

1179

m134039

12

m134360

1167

6

MAY 06 2016

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

April 01, 2016 3:39:45 PM

Page 7

Work Order ID: 144102

Parent Item: D3913-041

Parent Item Name: Long Basket Base Assembly, 350

144102

D3913-041

Start Date: 5/2/2016

Required Date: 5/13/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

150

Each

2,293.000

12

12

NAS1149F0332P

Washer

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

324

m133709

324

ST262

1969

m134134

469

m134257

1500

AN3-10A

Purchased

No

150

Each

276.0000

6

6

AN3-10A

Bolt

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

1

m132763

1

over003

100

m134249

100

ST349

175

m133992

75

m134573

100

NAS1149DN832J

Purchased

No

150

Each

1,881.000

2

2

NAS1149DN832J

Washer

DAS

6

9-89

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST260a

1500

M134180

1500

ST265

297

M131697

297

MAY 06 2016

April 01, 2016 3:39:45 PM

Shop Packet Print

Page 7

DQA: _____ Date: _____



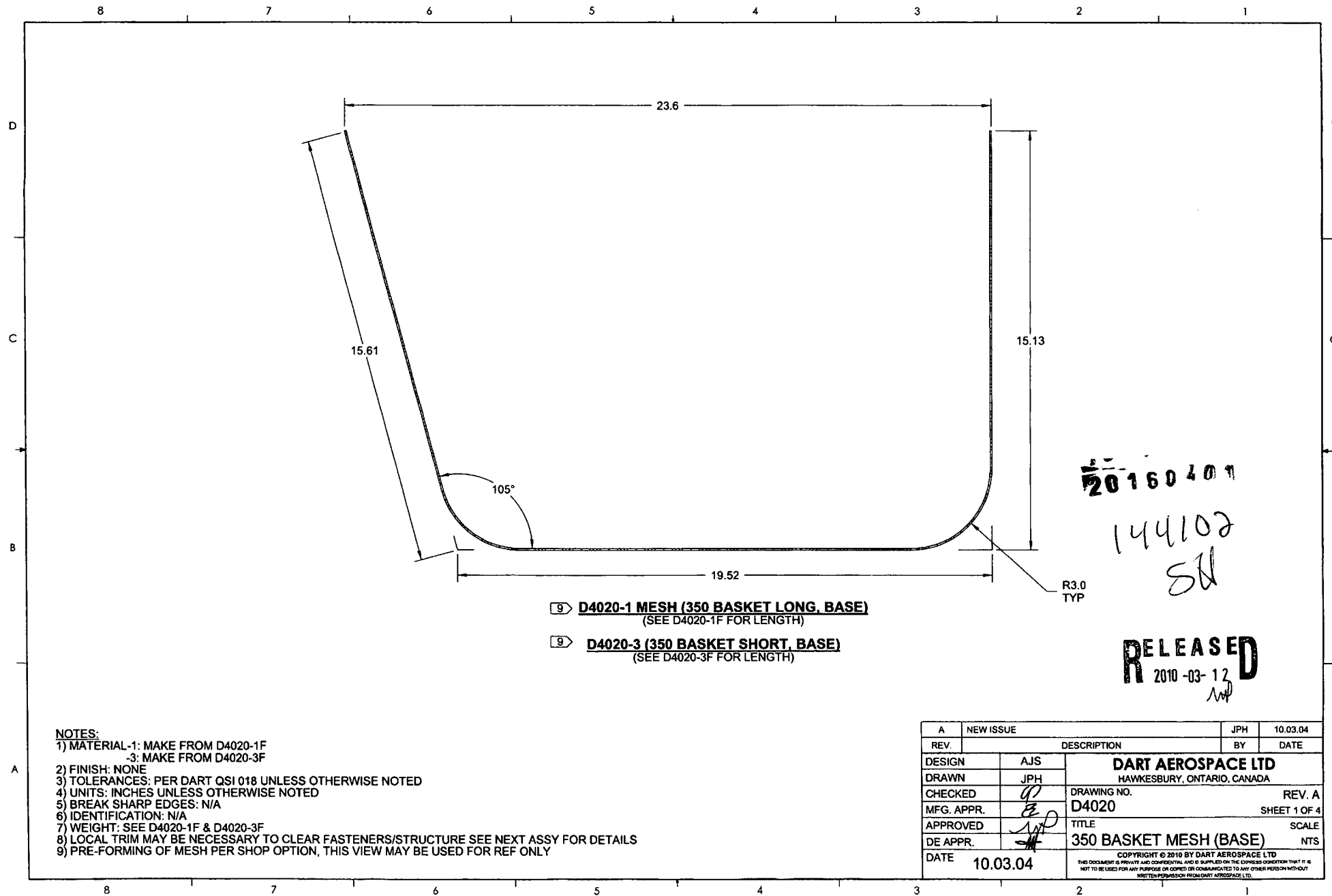
WORK ORDER NON-CONFORMANCE / UPDATE

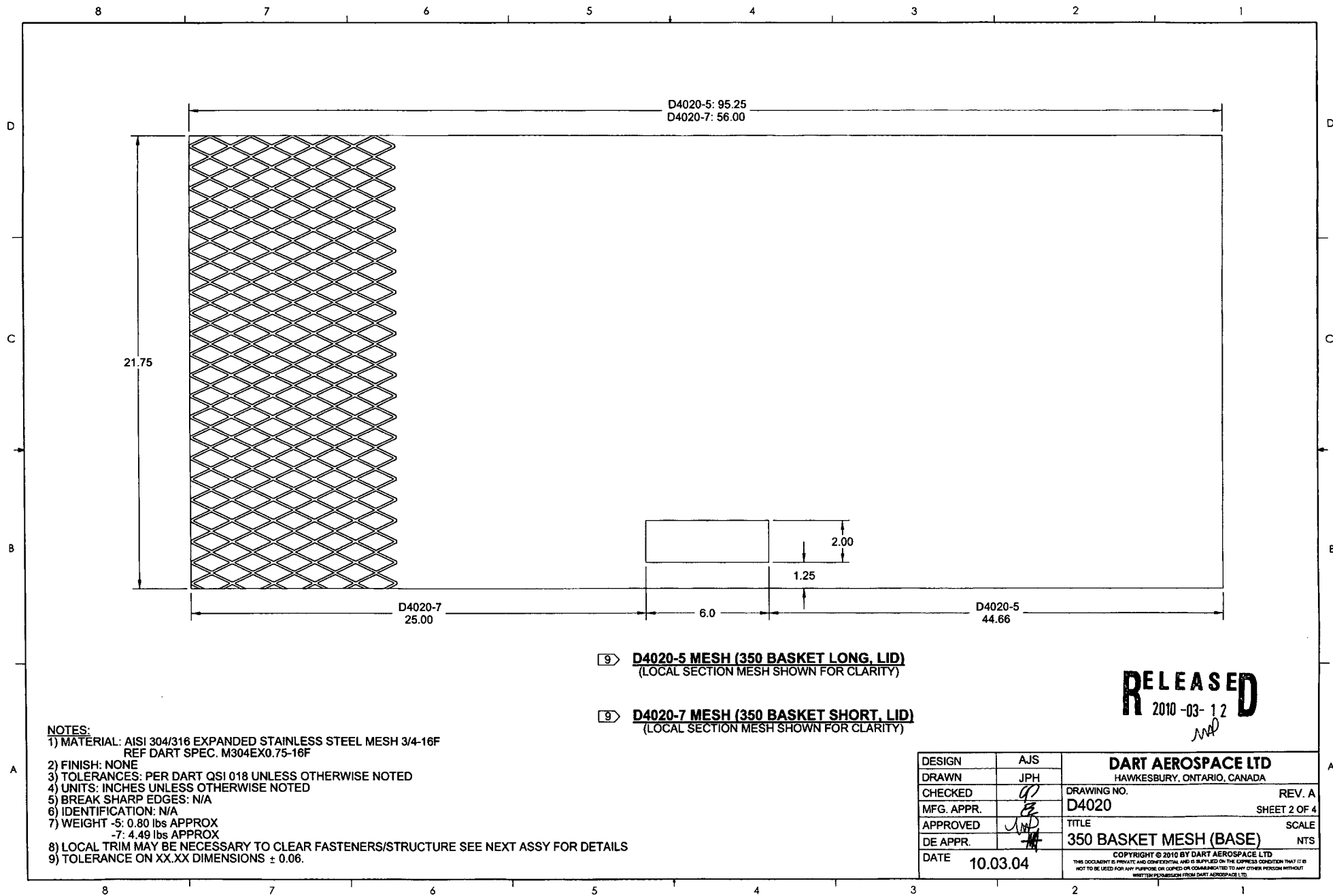
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____					
Misidentified ☐	Past Due ☐						





9 D4020-5 MESH (350 BASKET LONG, LID)
(LOCAL SECTION MESH SHOWN FOR CLARITY)

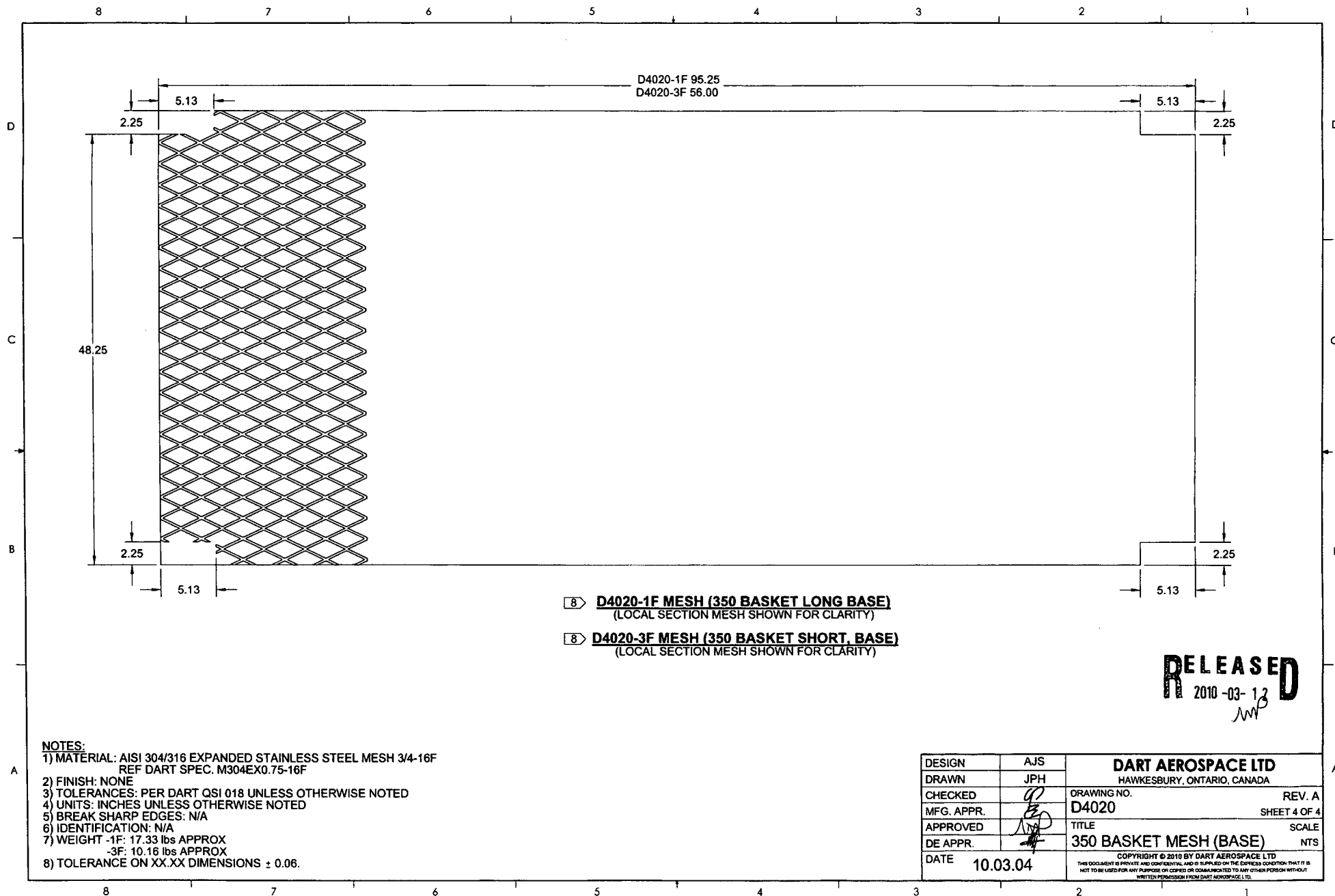
9 D4020-7 MESH (350 BASKET SHORT, LID)
(LOCAL SECTION MESH SHOWN FOR CLARITY)

NOTES:

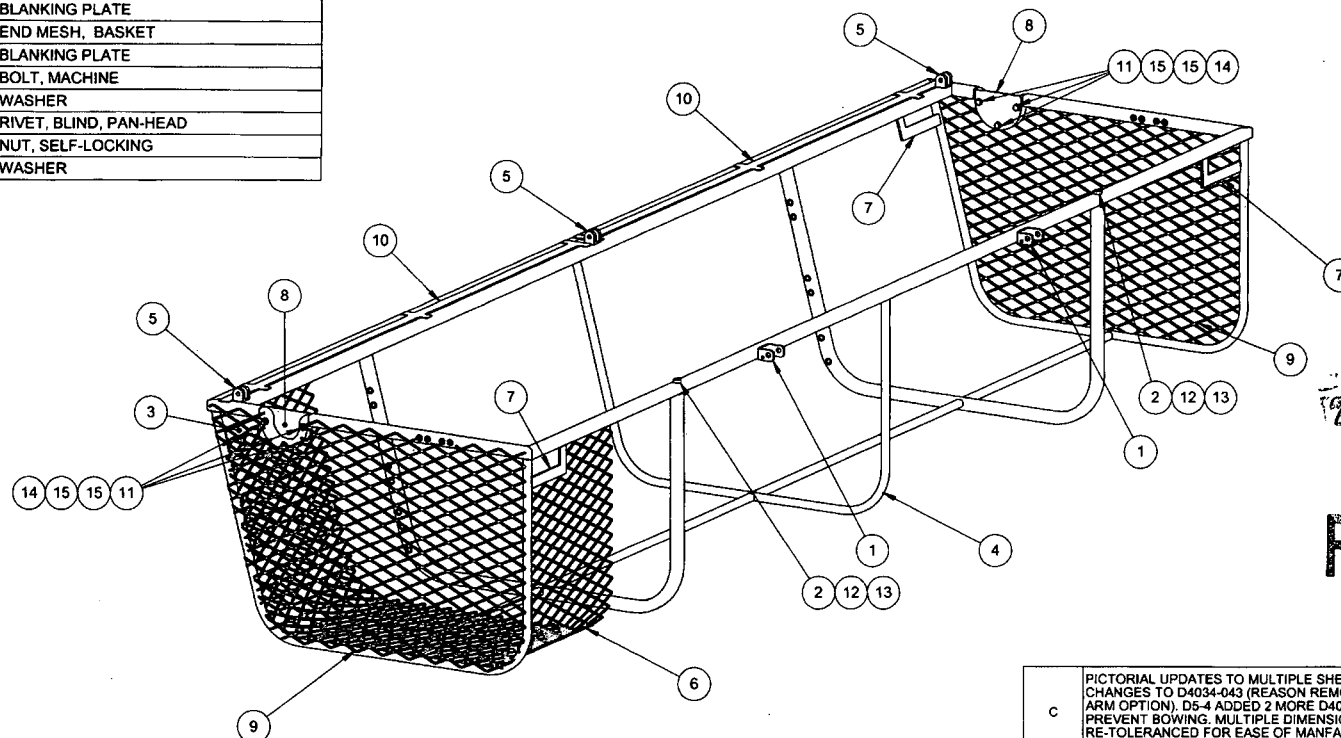
- 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F
REF DART SPEC. M304EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -5: 0.80 lbs APPROX
-7: 4.49 lbs APPROX
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) TOLERANCE ON XX.XX DIMENSIONS ± 0.06 .

RELEASED
2010-03-12
MAD

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	9	DRAWING NO.	REV. A
MFG. APPR.	9	D4020	SHEET 2 OF 4
APPROVED	9	TITLE	SCALE
DE APPR.	9	350 BASKET MESH (BASE)	NTS
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



ITEM	QTY	P/N	DESCRIPTION
	X	D3913-041	LONG BASKET BASE ASSY (350)
1	2	D2581	MOUNTING BRACKET
2	2	D2931	BUMPER
3	1	D3913-15	WIDE HANDLE PLATE
4	1	D3913-101	TUBULAR ASSY (350 LONG BASKET)
5	3	D4016-1	HINGE HALF, BASE
6	1	D4020-1	MESH (350 BASKET LONG BASE)
7	3	D4021-1	HANDLE PLATE
8	2	D4021-5	BLANKING PLATE
9	2	D4020-11	END MESH, BASKET
10	2	D4672-1	BLANKING PLATE
11	6	AN3-10A	BOLT, MACHINE
12	2	AN960JD8	WASHER
13	2	MS20600AD4W3	RIVET, BLIND, PAN-HEAD
14	6	MS21042L3	NUT, SELF-LOCKING
15	12	NAS1149F0332P	WASHER



D3913-041 LONG BASKET BASE ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

NOTES:

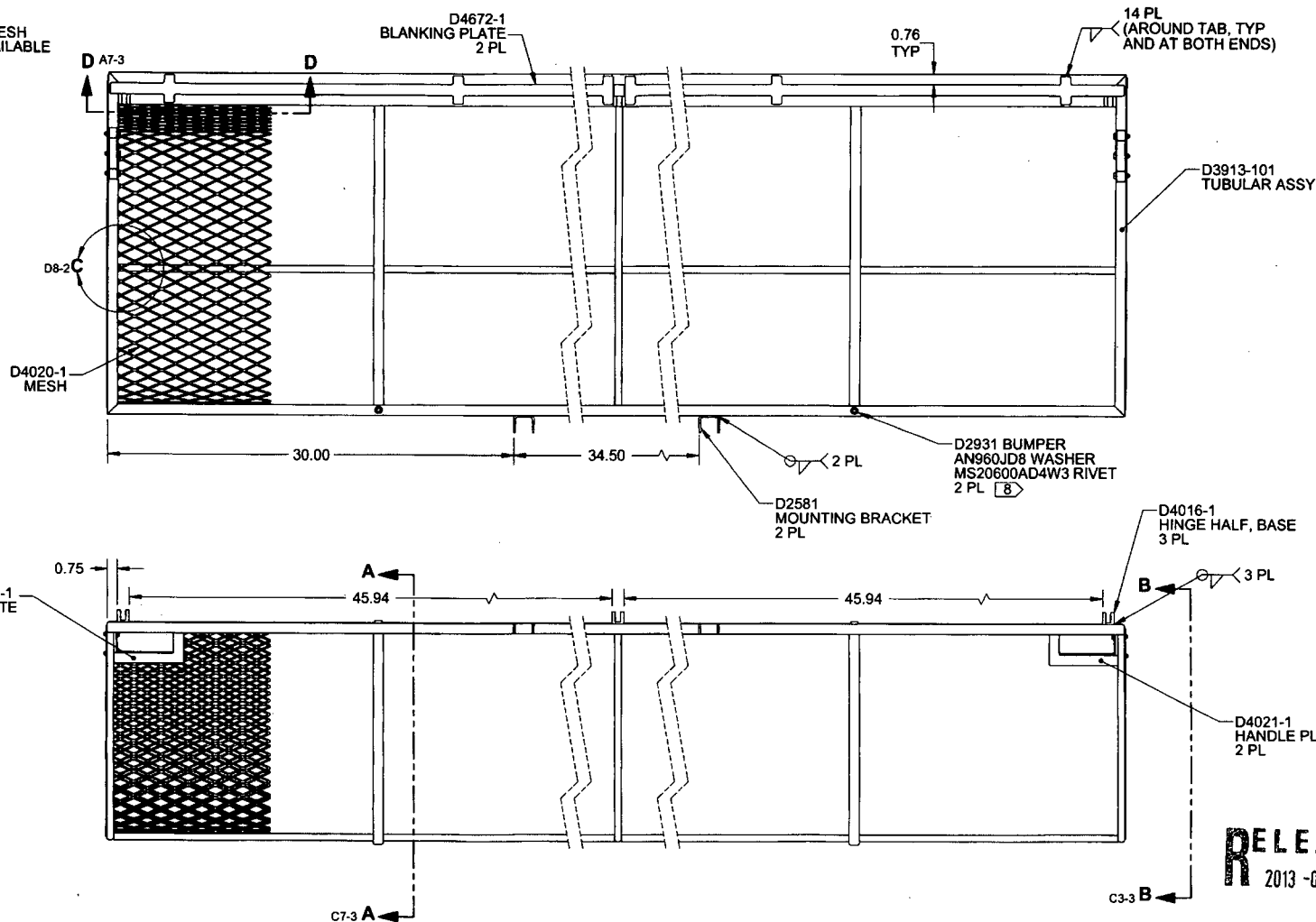
- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 43.9 lbs APPROX
- 8) INSTALL AFTER FINISH
- 9) MASK HOLES PRIOR TO POWDER COAT
- 10) WELD PER DART QSI 004

C	PICTORIAL UPDATES TO MULTIPLE SHEETS FOR CHANGES TO D4034-043 (REASON REMOVAL OF PROP ARM OPTION). D5-4 ADDED 2 MORE D4017-7 RIBS TO PREVENT BOWING. MULTIPLE DIMENSIONS RE-TOLERANCED FOR EASE OF MANUFACTURE. SECTION F-F & G-G ADDED.		AJS	13.07.18
B	ADD D4672-1 (ZN C4-1, C6-1, D2-2, D2-3, & D5-2). REASON: PAR12-197.		MB	12.06.15
A	NEW ISSUE		JPH	10.03.16
REV.	DESCRIPTION		BY	DATE
DESIGN	AJS		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS			
CHECKED	UP		DRAWING NO.	REV. C
MFG. APPR.	[Signature]		D3913	SHEET 1 OF 6
APPROVED	[Signature]		TITLE	SCALE
DE APPR.	[Signature]		LONG BASKET BASE ASSY (350) NTS	
DATE	13.07.18		COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

20160101
54144102
RELEASED
2013-08-16
M

TACK WELD MESH
AT EVERY AVAILABLE
LOCATION

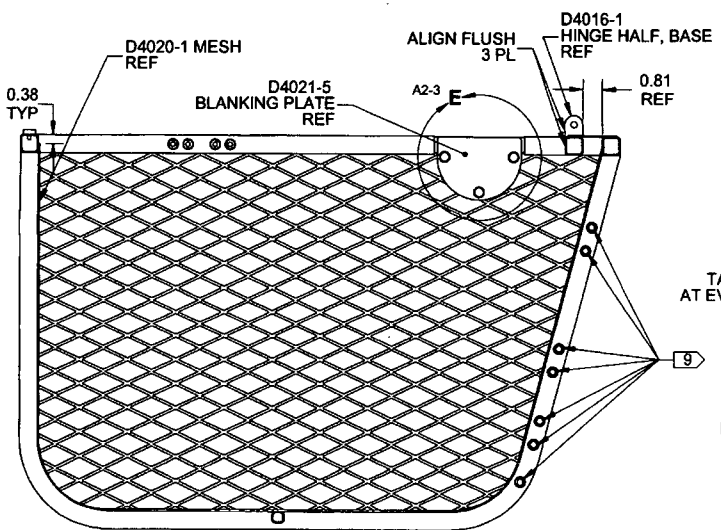
DETAIL C D7-2
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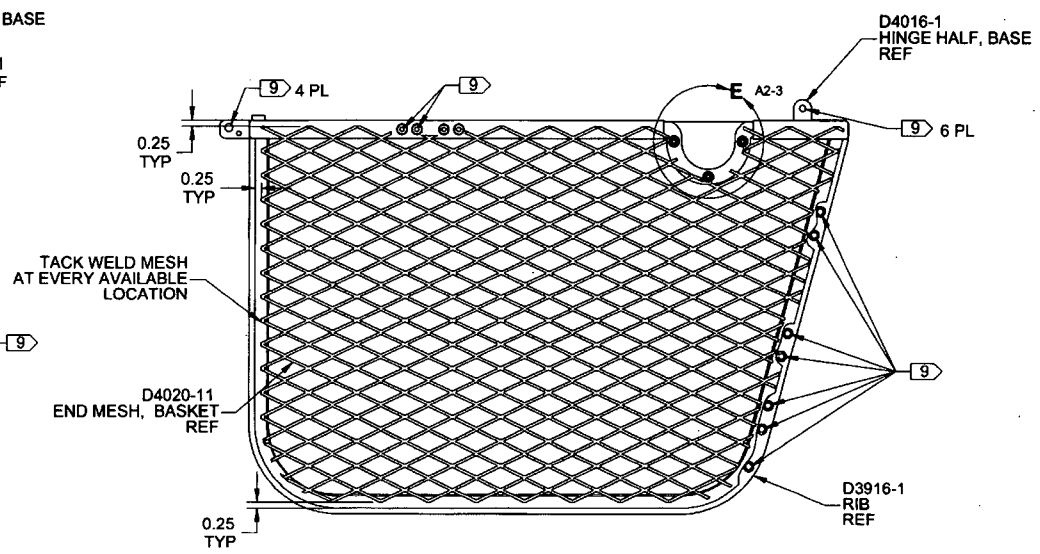
D3913-041 LONG BASKET BASE ASSY (350)
(MESH SHOWN LOCALLY FOR CLARITY)

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2013-08-15

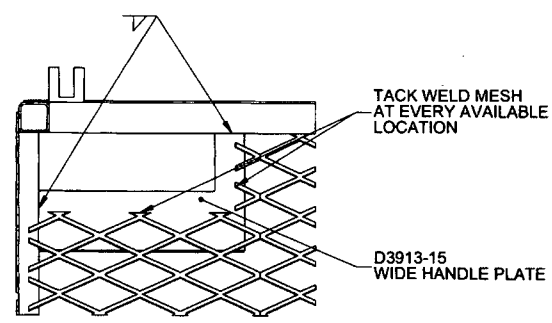
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CHECKED	47	DRAWING NO.	REV. C
MFG. APPR.		D3913	SHEET 2 OF 6
APPROVED	13.07.18	TITLE	SCALE
DE APPR.		LONG BASKET BASE ASSY (350) NTS	
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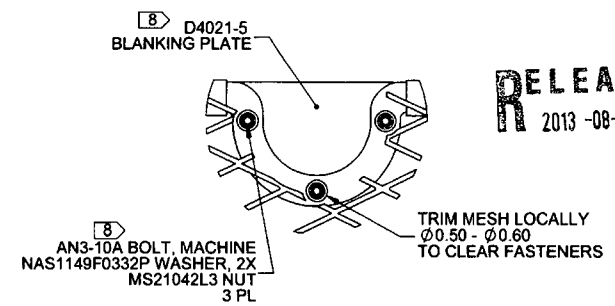
SECTION A-A A5-2



VIEW B-B A2-2



SECTION D-D
TYPICAL FOR ALL
HANDLE PLATES D6-2



DETAIL E D2-3
D6-3

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2013-08-16

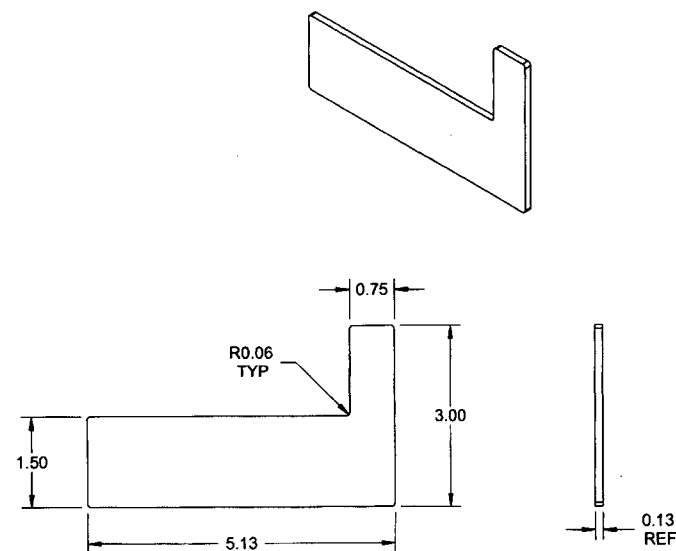
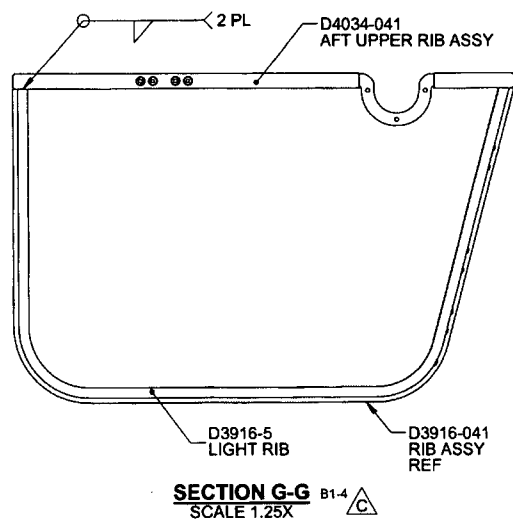
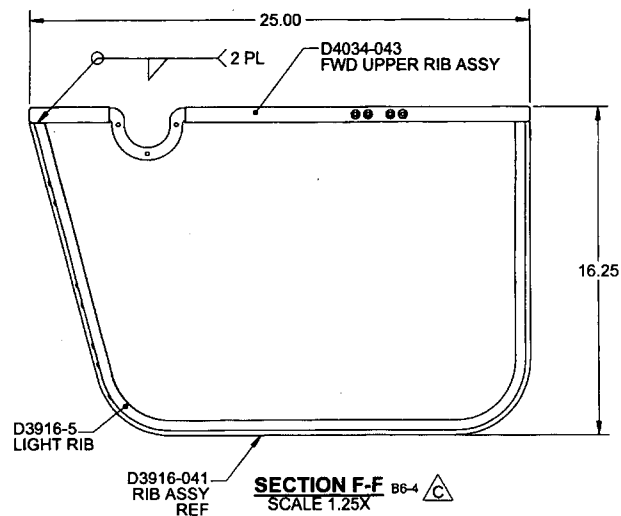
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3913	SHEET 3 OF 6
APPROVED		TITLE	SCALE
DE APPR.		LONG BASKET BASE ASSY (350)	NTS
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A

1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 22.65 lbs
8) TOLERANCE FOR XX.XX DIMENSIONS ± 0.06 FOR D3913-101
9) WELD PER DART QSI 004

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2013-08-16

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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>[Signature]</i>	D3913	SHEET 4 OF 6
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LONG BASKET BASE ASSY (350) NTS	
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D3913-15 WIDE HANDLE PLATE

NOTES:

- 1) MATERIAL: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH,
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF DART SPEC M304S11GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.31 lbs

RELEASED
2013-08-16

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.		D3913	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DE APPR.		LONG BASKET BASE ASSY (350)	NTS
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